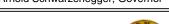
#### **DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

## WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-004661 Address: 333 Burma Road **Date Inspected:** 15-Nov-2008

City: Oakland, CA 94607

**OSM Arrival Time:** 630 **Project Name:** SAS Superstructure **OSM Departure Time:** 1530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name: CWI Present:** Yes No Geng Wei, Zhang Bao Wei **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS: Delayed / Cancelled:** Yes No N/A

34-0006 **Bridge No: Component: OBG** Assembly

### **Summary of Items Observed:**

This report serves to document the events occurring on this date at the following location. Caltrans Quality Assurance (QA) Inspector Robert Vatcher arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China, for the purpose of monitoring welding and fabrication of the San Francisco / Oakland Bay Bridge (SFOBB) components. The QA Inspector observed the following:

**OBG** Assembly Bay II

5AE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

QA performed informal green tagging in conjunction with AB/F-Caltrans project specific procedure with ZPMC and AB/F personnel on side plate SP419A

5BE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

QA performed informal green tagging in conjunction with AB/F-Caltrans project specific procedure with ZPMC and AB/F personnel on side plate SP602A and deck plate DP433-001

5CE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No **Observed Welding Activity** 

3AE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No

# WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Observed Welding Activity

QA performed informal green tagging in conjunction with AB/ F-Caltrans project specific procedure with ZPMC and AB/ F personnel on edge plates EP7A and EP8A

3BE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

4AE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

4BE- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

Mid bay-

NPI of Oregon continues to provide support for various Deck Panel U-rib tack weld crack evaluations by the Phased Array Ultrasonic Method. As well repair work continues by ZPMC laborers on these same components.

5CW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

5BW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

5AW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

4BW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

QA performed informal green tagging in conjunction with AB/F-Caltrans project specific procedure with ZPMC and AB/F personnel on side plate SP49B

4AW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

3BW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

3AW- No deck panel to deck panel or diaphragm plate to floor beam flange welding occurring as of this time. No Observed Welding Activity

QA performed informal green tagging in conjunction with AB/F-Caltrans project specific procedure with ZPMC and AB/F personnel on edge plate EP5A and bottom plate BP3A

**Summary of Conversations:** 

# WELDING INSPECTION REPORT

(Continued Page 3 of 3)

No relevant conversations this date.

## **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Peter Dauterman, who represents the Office of Structural Materials for your project.

Inspected By:	Vatcher, Robert	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer